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**From:** Davis, Eva [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D2BB073C80BE4F5482E94FFE2031042B-DAVIS, EVA]  
**Sent:** 11/2/2018 7:16:47 PM  
**To:** Dan Pope [DPope@css-inc.com]  
**Subject:** RE: ST012 Site Activities and two week look ahead

Sure can – these are downgradient side for the most part at where they are currently drawing the 5 ppb benzene contour - better definition of downgradient migration. Should have it early next week.

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**From:** Dan Pope [mailto:DPope@css-inc.com]  
**Sent:** Friday, November 02, 2018 2:13 PM  
**To:** Davis, Eva <Davis.Eva@epa.gov>  
**Subject:** RE: ST012 Site Activities and two week look ahead

When we have a final map of the well locations could I get a copy?

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**From:** Davis, Eva [mailto:Davis.Eva@epa.gov]  
**Sent:** Friday, November 02, 2018 2:10 PM  
**To:** Dan Pope  
**Subject:** FW: ST012 Site Activities and two week look ahead

FYI – injections starting week of Nov 11 as long as AF agrees to the wells EPA wants (just had a kind of contentious call with them about the well locations, but Carolyn held them to that condition in order for them to be able to stare injections)

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**From:** Smallbeck, Donald R. [mailto:donald.smallbeck@woodplc.com]  
**Sent:** Friday, November 02, 2018 12:27 PM  
**To:** 'JERRARD, CATHERINE V CIV USAF HAF AFCEC/CIBW' <catherine.jerrard@us.af.mil>; 'Wayne Miller' <Miller.Wayne@azdeq.gov>; d'Almeida, Carolyn K. <dAlmeida.Carolyn@epa.gov>; Pearson, Stuart C. <stuart.pearson@woodplc.com>  
**Cc:** d p <DPope@css-dynamac.com>; Davis, Eva <Davis.Eva@epa.gov>; 'MOOK, PHILIP H JR GS-15 USAF AFCEC AFCEC/CIBW' <philip.mook@us.af.mil>; 'Geoff Watkin' <Geoff.Watkin@SpecProSvc.com>; Nicole Goers <Nicole.Goers@TechLawInc.com>; 'Brasaemle, Karla' <KBrasaemle@TechLawInc.com>; 'Rohrbaugh, Amanda' <ARohrbaugh@TechLawInc.com>; 'Bo Stewart' <bo@praxis-enviro.com>; 'William Hughes' <William.Hughes@SpecProSvc.com>; 'steve@uxopro.com' <steve@uxopro.com>; 'Jennings, Eleanor' <Eleanor.Jennings@parsons.com>; 'Panzino, Paula@azdeq.gov' <Panzino.Paula@azdeq.gov>  
**Subject:** ST012 Site Activities and two week look ahead

Activities Last Week (10/22-10/26)

- SVE Operation
- LNAPL checks
- Continued extraction and treatment- 28.4\* gpm reading, ~8.9 million total gallons treated since start-up of EBR extraction. (\*flow meter is being investigated due to reduced readings in last two weeks)

- Continued CZ07 extraction (approximately 53,000 gallons pumped over the last week and 1,250,000 gallons pumped since start up)
- Operating Extraction Wells: CZ07, CZ18, UWBZ22, UWBZ26, UWBZ30, LSZ09, LSZ11, LSZ12, LSZ23, LSZ37, LSZ38, LSZ39,
- Extraction Wells Currently Down: CZ19 (sand in well, well likely compromised), CZ21 (corrosion, repair in progress), UWBZ21 (airline break, repair in progress), UWBZ27 (corrosion, repair in progress), LSZ28 (hot, pneumatic pump ordered), LSZ29 (hot, pneumatic pump ordered), UWBZ28/LSZ51 (corrosion, repair in progress)
- Continued planning for relocation of oxidizer from ST035 to ST012 to replace the flame oxidizer
- Pump replacement parts and anodes on order

#### Activities This Week (10/29-11/2)

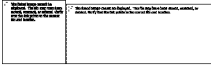
- SVE Operation
- LNAPL checks
- Continued extraction and treatment (including CZ07).
- Schedule relocation of ST035 oxidizer to ST012 (subject to coordination with ASU)
- Sulfate mixing and injection tentatively scheduled to start on week of November 11th

#### Next Week (11/5-11/9)

- SVE Operation
- LNAPL checks
- Continue extraction (including CZ07)
- Pump repairs/replacements (subject to parts availability)
- Provide summary of Pilot Study Implementation modifications
- Prepare for sulfate mixing/injection.

**D.R. Smallbeck**  
**Principal Program Manager**  
**Construction Remediation**

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**Amec Foster Wheeler and Wood Group are now Wood.**

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